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APPENDIX IV

Korea - 2/ February 1952

I. DESCRIPTION OF INCIDENT

On the night of 24 February 1952, at 2315 local Korean time, the navigator of a B-29 observed an unidentified aerial object. The B-29 was picked up by searchlights and about 45 seconds later the navigator sighted an object approaching from 7 o'clock. The object was estimated to be over Antung at this time. The object appeared to be cylindrical in shape and had a rapidly pulsating gaseous type of exhaust trail. The exhaust trail was approximately three times the length of the object with both the tail blast and the object bluish in color.

When first observed the object appeared to be climbing at 45°, however, it leveled off approximately 4,000 ft. from the B-29 and turned toward the B-29 as if taking up an interception course. The object continued to close on the B-29 at high velocity for approximately 15 seconds after which time it broke off level flight and headed down, passing under the B-29 at a gradual angle. As the object began to descend the flame diminished in size and got brighter. The navigator estimated that the object came within 3000 ft. of the aircraft and "it appeared to be the size of an automobile". (Assumed to mean the same size as an automobile viewed from 3,000 ft.)

The B-29 was flying at 22,000 ft. altitude and at a speed of 200 knots.

The searchlights stayed with the aircraft for approximately four minutes and weak inaccurate flak was encountered during the entire incident.

Weak electronic signals were picked up by the electronic countermeasures operator for a short time.

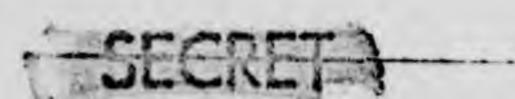
II. STATUS OF INVESTIGATION

More details on the sighting have been requested from FEAF. Since the object resembles a surface-to-air guided missile, the incident has been referred to the ATIC guided missiles group.

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FM CC FEAF TOKYO JAPAN TO JEDUP/CG ATIC WPAFB ONIO ZENICG ADC ENT AFE COLO INFO JEPHQ/HQ USAF WASHDC

T/CRYPTOPRECAUTION APPLIES/ A2671 INT-EVAL PASS TO AFOIN PD FOLG IS CIST OF PRELIMINARY REPT RECD FR FEAF BOMCOM MIGHT OF 24 FEB CLN QUOTE AT 2315/I CHA 5-29 UAL PICKED UP BY TWO SLTS CENG ON RIGHT SIDE SECONDS NAV SICHTED OBJ CMA IT WAS OBSRU TO BE CYLINDRICAL IN SHAPE WIRAPILLY PULSATING GASEOUS TYPE PRPLS BLAST APRX THREE TIMES INE LGTH OF



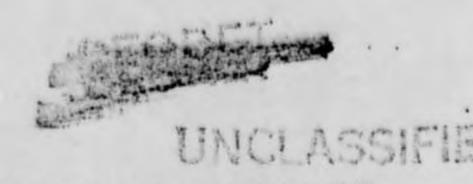
PAGE TWO JAPYC 23B

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MASS PD BOTH TAIL BLAST AND OBJ BLUISH IN COLOR PD CRSE OF OBJ INITIALLY 45 DEGREES ABOVE HORIZ SMCLN HOWEVER CHA OBJ LEVELLED OFF APRA 4000 FEET FR 6-25 AND TURNED LEFT AS THOUGH CORRECTING TO INTER UN CFT AT PREDICTED PT PD OOJ CONTD TO CLOSE TO POT INTOP PT AT HIGH VEL FOR APRX 15 SECONDS AFTER WHICH IT BROKE OFF LEVEL FLT AND HEADED DOWN PASSING UNDER 5-29 AT GRADUAL ANGLE PO EXHAUST RAPIDLY DIMINISHED IN SIZE AND DECAME BRIGHTER IN COLOR MIEN OBJ EROKE OFF LEVEL FLT PD CLOSEST DIS TO B-29 CLN 3000 FEET AT WHICH PT OBJ APPEARED TO BE SIZE OF AN QUOTE AUTOMOBLE UNQUOTE PD. NAV ONLY CRIN TO OBSR OBJ PD B-29 REMAINED AT 22000 FEET CHA SPEED 200 KNOTS PD SLTS IN TWO AND FOUR LIGHT JULTIPLE PICKUPS CONTO TO ILLUMINATE B-25 FOR APRX FOUR MINUTES AND MEAGER CHA INACCURATE FLAK WAS ENCOUNTERED DURING ENTIRE LICIDENT PD ECH OPR RECD WEAK ELECT SIGS CMA DUT WAS UNABLE TO TAKE ELECT COUNTER MEASS PD B-29 EVASIVE ACTION SERIES OF QUOTE S UNQUOTE CURVES FOLD BY SHALLOW DIVE AT WHICH TIME SLTS ANDIFLAK CEASED PD WEA CAVU PD UNQUOTE NO IMPO AT THIS TIME TO DETERMINE WHETHER OLD WAS ACFT CMA CRD TO AIR TO AIR-TO-AIR HISL PD REINTERROGATION OF CREW UNDERWAY AND FULL INVES WILL BE MADE 28/2345Z FEB JAPYC

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TT 53 27 FEB 52 CSAF ITEM 1 ATIAA

TO ATIAA-2C RUPPELT FROM AFOIN-V/TC FOURNET
FEAF CABLE AX 2665 INT-EVAL DTD 26 FEB 52
REFERS TO CYLINDRICAL OFJECT WITH BLUISH
TRAIL TRAVELLING AT HIGH SPEED SIGHTED BY B-29
OVER KOREA. SINCE CG AMC IS ONE OF ADDRESSEES,
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ADVISE AND WE WILL FURNISH YOU WITH EXTRACT.

END CSAF ITEM 1



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JOINT MESSAGEFORM

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FROM: COSSINTIC	*282000Z Feb 52	SECURITY CLASSIFICATION 4			
	PRECEDENCE ACTION ROUTI	ne Routine			
Tokyo, Japan	BOOK MESSAGE	ORIGINAL MESSAGE			
RADNOTE	MULTIPLE ADDRESS	CRYPTOPRECAUTION NO			
UNCLASSIEIED	REFER	REFERS TO MESSAGE:			
INFO: Director of Intelligence	IDENTIFICATION A 2071	CLASSIFICATION			
Washington 25, D. C.					

Reference your message A2671 dated 262335Z Feb 52. Request that results of reinterrogation of crew be forwarded in most expedious manner as more details are needed to evaluate incident.

Preliminary analysis indicates the object may be a subscnic surface-to-air missile possibly similar to German Schmetterling design.

Form 112 No IR-1-52 dated 27 Feb 500 from FEAF Bom Com has been perposed After does not have it yet.

DOWNGRADED AFTER 12 YEARS.

DOWNGRADED AFTER 12 YEARS.

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DRAFTER'S NAME (and signature, when required) Lt. E. J. Ruppelt/peg		RELEASING OFFICER'S SIGNATURE			
SYMBOL ATTAA-2c	TELEPHONE 54261	OFFICIAL TITLE			

RADNOTE



AUTH: CU, ATIC By: F.E.Smith Capt, USAF 29 Feb 52

29 February 1952

Mr. C.F. Zimmerman, ATIA

UNCLASSIFIED

dated 26 February 1952, re sighting of object on night of 2h February 1952, Based on performance deduced from the reported information, object appears to be a subsonic surface-to-air guided missile, possibly of the German Schmetterling type. Current estimates credit the Soviets with the capability of having an operational surface-to-air guided missile of this type now, although until this time there has been no intelligence on which to credit the Soviets with more than a capability. A more complete evaluation of this sighting will be made upon receipt of complete information from FEAF.

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Mr. C.F. Zimmerman, ATIA

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AF	FORM	112-PART I	
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AF FORM 112-PART I	(GLASS	FICATION)	11 Competed
COUNTRY	IR-1-52		4421027
AIR II	NTELLIGENCE IN	FORMATIC	ON REPORT
Ground to Air Missile, I	Possibly Guided.		
North Korea		FEAF Bomo	om
27 Feb 1952 .	23 Feb 1952		B-3
PREPARED BY (Officer)		Captain R.	W. Smith, 345 B.S. 98th B.W.
NONE	rt, etc., as applicable)		
A navigator on a B-29 les	aflet drop mission	n flown on th	e night of 23 Feb southeast guiding characteristics.
+	UNCLASSIFIED	10	an Alm

APPROVED:

WILLIAM B. MERRILL, JR. (Lt. Col., USAF Deputy for Intelligence

DOWNGRADED AT 3 YEAR INTERVALS; DECLASSIFIED AFTER 12 YEARS. DOD DIR 5200.10

UNCLASSIFIED

Mildell

Captain, USA Interrogating Officer

I. O. MITCHELL

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(CLASSIFICATION)

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AF FORM 112-PART II



AIR INTELLIGENCE INFORMATION REPORT

IN PORT NO.					
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		IR-1-52	IR-1-52	IR-1-52	IR-1-52

At 23151, a B-29 on leaflet mission at XE 2838 heading 030°, altitude 22,000 ft, was picked up in searchlight beam by two lights on right side of acft. Within 45 seconds after acft was illuminated by searchlights, navigator observed object approaching acft from position on ground estimated to be at XE 2342. No launching blast was observed and object appeared to approach acft at an angle of 30° from the left rear. When observer initially spotted object, it appeared to be round in shape and bright blue in color. As it came closer to the acft, the shape appeared cylindrical with tail approximately three times length of the forward mass of object. The color of the tail was the same as object and appeared to be a rapidly pulsating gaseous type propulsion blast. Observer taw object for an estimated 45 seconds. The course of the object was at an angle of 45° from horizontal, of high velocity, flat in trajectory until it leveled off approximately 4000 ft. from acft. It assumed level flight characteristics, turned to the left as though making a correction to intercept acft at a predicted point. The object continued to close in toward interception point on level with acft for about 15 seconds and then broke off in flight and head down and underneath acft at gradual angle. At the closest point, the object appeared to come within approximately 3000 ft, of acft and appeared to be the size of an automobile. As it broke off from level flight, the tail diminished rapidly in size and became brighter in color. The indicated air speed of acft was 200 knots and acft remained at 22,000 ft. altitude. Searchlights continued to illuminate acft and meager, inaccurate flak was encountered during entire period object was observed. coarchaights worked in multiples of two and four light pickups, and kept ship illuminated for approximately four minutes. ECL operator received weak electronic signals, but was unable to take electronic countermeasures. Pilot executed evasion action in a series of "S" curves, then made a shallow dive and searchlights and flak ceased. Weather was clear and visibility unlimited.

Navigator who observed object is experienced. Served in WW II, holds grade of Captain and has flown 15 combat missions over North Korea. Has never observed an object previously and is of the opinion that he saw a rocket. He is positive that object was not searchlight reflection or another acft. He is the only member of the air crew who reported observing anything unusual. He is considered extremely reliable and rational.

Comments of Interrogating Officer. Bright blue flame suggests possibility of alcohol and liquid oxygen fuel. Changes in course of flight of rocket indicate possibility of electronic guiding device.

UNCLASSIFIED

I. O. MITCHELL

Captain, USA

Interrogating Officer

APPROVED:

WILLIAM B. MERRILL, JY

Lt. Col., USAF

Deputy for Intelligence

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UNTELLIGENCE USAF.

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AMC ITEM 9/ COMPANY MUNCLASSIFIED FROM ATIAA-2C/ LT E. J. RUPPELT TO AFOIN-VITCB CARTAIN FOURNET E REFERENCE IS MADE TO YOUR ITEMS IN TELECON OF 27 FEB 51. ATIC HAS WIRES ON BOTH KOREANFORMATION INCIDENT OF 10 FEB. KOREAN INCIDENT, HAS BEEN TURNED OVER TO ATIC GUIDED MISSILES GROUP, BUT NO EVALUATION WAS, BEEN MADE AS YET. DESCRIPTION IRANIAN INCIDENT INDICATED THE POSSIBILITY OF A METEOR, ALTHOUGH INFORMATION WAS SKETCHY. DOWNGRADED AT 3 YEAR INTERVALS;

END AMC ITEM 9/ CONFIDENTIME

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DECLASSIFIED AFTER 12 YEARS.

DOD DIR 5200.10

DOWNGRADED AT 8 YEAR INTERVALS; DECLASSIFIED AFTER 12 YEARS.